

# Shailesh Upreti

## List of Publications by Year in descending order

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41  
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361413

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Spectral Characterization of Four Symmetrical and Unsymmetrical Organotellurium(II) Compounds: $O\tilde{H}^{\sup} \hat{\epsilon}   \sup N$ , $CH^{\sup} \hat{\epsilon}   \sup \tilde{\epsilon}$ , and $CH^{\sup} \hat{\epsilon}   \sup O$ Secondary Interactions in X-Ray Crystal Structures of $4\hat{\epsilon} MeOC_{\sub} 6_{\sub} H_{\sub} 4_{\sub} TeCH_{\sub} 2_{\sub} CH_{\sub} 2_{\sub} CH_{\sub} 2_{\sub} N\hat{\epsilon} C(CH_{\sub} 3_{\sub}) C_{\sub} 6_{\sub} < b> 1 < /b>$ and $Te[CH_{\sub} 2_{\sub} CH_{\sub} 2_{\sub} CH_{\sub} 2_{\sub} N\hat{\epsilon} C(CH_{\sub} 3_{\sub}) C_{\sub} 6_{\sub} H_{\sub} 4_{\sub} \hat{\epsilon} 2\hat{\epsilon} OH]_{\sub} 2_{\sub}$	0.7	4
2	Crystallization of Hybrid Molybdates based on Organic Bases. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1190-1194.	1.2	3
3	Towards understanding the rate capability of layered transition metal oxides $LiNi_{y}Mn_{y}Co_{1\hat{\sim}2}yO_{2}$ . Journal of Power Sources, 2014, 268, 106-112.	7.8	41
4	An Organic Coprecipitation Route to Synthesize High Voltage $LiNi_{\sub} 0.5_{\sub} Mn_{\sub} 1.5_{\sub} O_{\sub} 4_{\sub}$ . ACS Applied Materials & Interfaces, 2013, 5, 10227-10232.	8.0	69
5	Synthesis and evaluation of neutral anion receptors based on acylhydrazide-appended calix[4]arenes. Supramolecular Chemistry, 2012, 24, 672-683.	1.2	5
6	Structure, defects and thermal stability of delithiated olivine phosphates. Journal of Materials Chemistry, 2012, 22, 20482.	6.7	18
7	Crystal Structure, Physical Properties, and Electrochemistry of Copper Substituted $LiFePO_{\sub} 4_{\sub}$ Single Crystals. Chemistry of Materials, 2012, 24, 166-173.	6.7	31
8	Tin-Iron Based Nano-Materials as Anodes for Li-Ion Batteries. Journal of the Electrochemical Society, 2011, 158, A1498.	2.9	23
9	Electrochemical performances of $LiMnPO_{4}$ synthesized from non-stoichiometric Li/Mn ratio. Physical Chemistry Chemical Physics, 2011, 13, 18099.	2.8	31
10	Can Vanadium Be Substituted into $LiFePO_{\sub} 4_{\sub}$ ?. Chemistry of Materials, 2011, 23, 4733-4740.	6.7	110
11	Iron and Manganese Pyrophosphates as Cathodes for Lithium-Ion Batteries. Chemistry of Materials, 2011, 23, 293-300.	6.7	123
12	Electrochemical performance of $Al\hat{\epsilon} Si\hat{\epsilon}$ graphite composite as anode for lithium-ion batteries. Electrochemistry Communications, 2011, 13, 158-161.	4.7	53
13	Stability and Rate Capability of Al Substituted Lithium-Rich High-Manganese Content Oxide Materials for Li-Ion Batteries. Journal of the Electrochemical Society, 2011, 159, A116-A120.	2.9	65
14	Structure and Stability of Olivine Phase $FePO_{4}$ . Materials Research Society Symposia Proceedings, 2011, 1333, 30301.	0.1	2
15	A novel lithium copper iron phosphate with idealized formula $Li_{\sub} 5_{\sub} Cu_{\sub} 2_{\sub} \sup 2_{\sub} Fe_{\sub} 3_{\sub} \sup 3_{\sub} (PO_{\sub} 4_{\sub})_{\sub} 4_{\sub}$ : crystal structure and distribution of defects. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, i29-i29.	0.2	3
16	Lithium cobalt(II) pyrophosphate, $Li_{\sub} 1.86_{\sub} CoP_{\sub} 2_{\sub} O_{\sub} 7_{\sub}$ , from synchrotron X-ray powder data. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, i58-i59.	0.2	7
17	Comparative Study of the Capacity and Rate Capability of $LiNi_{y}Mn_{y}Co_{1\hat{\sim}2}yO_{2}$ ( $y\hat{\epsilon} 0.5, 0.45, 0.4, 0.33$ ). Journal of the Electrochemical Society, 2011, 158, A516.	2.9	74
18	Crystallization of Calcium Vanadate Solids from Solution: A Metathetic Route. Crystal Growth and Design, 2010, 10, 5078-5084.	3.0	8

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19	Hydrogen-bonded mononuclear nickel(II) benzoate complexes: synthesis and structural studies. <i>Transition Metal Chemistry</i> , 2009, 34, 513-520.	1.4	8
20	Synthesis and characterization of layered and scrolled amine-templated vanadium oxides. <i>Journal of Materials Science</i> , 2008, 43, 4742-4748.	3.7	23
21	Novel synthetic route to liquid crystalline 4,4'-bis( <i>n</i> -alkoxy)azoxybenzenes: spectral characterisation, mesogenic behaviour and crystal structure of two new members. <i>Liquid Crystals</i> , 2008, 35, 541-548.	2.2	6
22	Water Oligomers in the Crystal Engineering of Phenylenediammonium Diphosphopentamolybdates. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 69-75.	0.6	6
23	1-Phenyl-3-{4-[4-(4-undecyloxybenzoyloxy)phenyloxycarbonyl]phenyl}triazene 1-oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o676-o676.	0.2	0
24	Effect of Ligand Architecture on the Structure and Properties of Square-Planar Nickel(II) Complexes of Amide-Based Macrocycles. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3247-3259.	2.0	25
25	Conformational morphosis in azocalix[4]arenes. <i>CrystEngComm</i> , 2007, 9, 119-122.	2.6	7
26	Role of Nonbonding Interactions in the Crystal Growth of Phenazinediamine Tetrahydrate: New Insights into the Occurrence of 2D Water Layers in Crystal Hydrates. <i>Crystal Growth and Design</i> , 2007, 7, 966-971.	3.0	45
27	Anion recognition by bisimidazolium and bisbenzimidazolium cholapods. <i>Tetrahedron</i> , 2007, 63, 171-176.	1.9	28
28	A facile one-pot access to cone and 1,3-alternate conformers of calix[4]arene-bis(amido)crowns. <i>Tetrahedron</i> , 2007, 63, 5636-5642.	1.9	15
29	An unusual decarboxylative benzannulation and biaryl formation during copper(I)-promoted halogen atom transfer radical cyclization of 2-allylaryl trichloroacetates. <i>Tetrahedron Letters</i> , 2007, 48, 7994-7997.	1.4	18
30	Manganese complexes as models for manganese-containing pseudocatalase enzymes: Synthesis, structural and catalytic activity studies. <i>Polyhedron</i> , 2007, 26, 3625-3632.	2.2	19
31	Role of Hydrogen-Bonded Interactions in the Crystal Packing of Phenylenediammonium Phosphomolybdates. <i>Crystal Growth and Design</i> , 2006, 6, 2066-2071.	3.0	35
32	Novel Bile Acid-Based Cyclic Bisimidazolium Receptors for Anion Recognition. <i>Organic Letters</i> , 2006, 8, 1755-1758.	4.6	60
33	Mononuclear manganese carboxylate complexes: Synthesis and structural studies. <i>Polyhedron</i> , 2006, 25, 3628-3638.	2.2	19
34	Synthesis of cesium selective pyridyl azocalix[n]arenes. <i>Tetrahedron</i> , 2006, 62, 2901-2911.	1.9	26
35	Shaping the cavity of calixarene architecture for molecular recognition: synthesis and conformational properties of new azocalix[4]arenes. <i>Tetrahedron</i> , 2006, 62, 7854-7865.	1.9	33
36	Synthesis of calix[4]arene(amido)monocrowns and their photoresponsive derivatives. <i>Tetrahedron</i> , 2006, 62, 9758-9768.	1.9	27

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37	Synthesis of Methyl Metallocenecarboxylates [ $\{1-4-Ph_4\text{-}n(\text{SiMe}_3)_n\text{C}_4\}\text{Co}\{1-5-\text{MeOC}(\text{O})\text{C}_5\text{H}_4\}$ ] ( $n = 1, 2$ ) and Their Desilylation Reactions: Structural Studies and Conversion to Metallocenecarboxylic Acids and Their Alcohol Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 5022-5032.	2.0	5
38	The first examples of benzidinium cations templated low-dimensional molybdates. <i>Inorganica Chimica Acta</i> , 2005, 358, 1241-1246.	2.4	14
39	Butane-1,4-diammonium diphosphopentamolybdate: a new inorganic-organic hybrid solid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m414-m416.	0.2	5
40	Bis[4-(n-octyloxy)phenyl]diazene oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o3602-o3604.	0.2	2
41	Structure-Directing Role of Hydrogen-Bonded Dimers of Phenylenediammonium Cations: Supramolecular Assemblies of Octamolybdate-Based Organic-Inorganic Hybrids. <i>Crystal Growth and Design</i> , 2005, 5, 1837-1843.	3.0	45